Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (Currently Amended) A driving method of a liquid crystal element for allowing said liquid crystal element to display a level of grayscale, said liquid crystal element displaying throughout a frame period by switching ON-state said liquid crystal element during a period corresponding to grayscale data that defines said level of grayscale, said method comprising:

dividing the frame into a plurality of sub-fields, the plurality of sub-fields having a first group of sub-fields continuous with respect to one another and a second group of sub-fields continuous with respect to one another, the ~~first~~ second group of sub-fields being ~~adjacent~~ subsequent to the ~~second~~ first group of sub-fields, each of the first group of sub-fields having a same first sub-field period, each of the second group of sub-fields having a same second sub-field period which is substantially equal to a sum of a length of the first sub-field periods of the first group of sub-fields and a length of any one of the first sub-field periods;

selecting, according to the grayscale data, sub-fields that are adjacent to each other in a direction from a ~~boundary~~ temporal position between the first group of sub-fields and the second group of sub-fields toward a sub-field of the first group of sub-fields or a sub-field of the second group of sub-fields at a position most remote from the ~~boundary~~ temporal position; and

driving by switching ON-state the liquid crystal element during period of the sub-fields selected.

2.   (Previously Presented) The driving method of a liquid crystal element according to Claim 1, said first group of sub-fields and said second group of sub-fields being included in a same frame period.

3-4.   (Canceled)

5.   (Previously Presented) The driving method of a liquid crystal element according to Claim 1, in said driving step, a period during which said liquid crystal element is switched ON-state being inserted in said boundary regardless of said grayscale data.

6-11.   (Canceled)

12.   (Previously Presented) The driving method of a liquid crystal element according to Claim 1,

said grayscale data being composed of N bits (N is an integer not less than 2) to define a level of grayscale having 2 to the Nth power kinds;

high-order M bits in said N bits defining a level of grayscale said second group of sub-fields should display;

low-order $(N - M)$ bits in said N bits defining a level of grayscale said first group of sub-fields should display; and

said M is an optimal solution of M given on an assumption that said frame period includes $(2^{N-M} - 1)$ first sub-field periods.

13.   (Previously Presented) The driving method of a liquid crystal element according to Claim 1,

said grayscale data being composed of N bits (N is an integer not less than 2) to define a level of grayscale having 2 to the Nth power kinds;

a length of each of said second sub-field periods being equal to a length of a period to display a level of grayscale defined by a least significant bit in high-order M bits in said N bits;

-3-

the number of said second group of sub-fields being equal to a maximum value specified by said M bits;

a length of each of said first sub-field periods being equal to a length of a period to display a level of grayscale defined by a least significant bit in low-order $(N - M)$ bits in said N bits; and

the number of said first group of sub-fields being equal to a maximum value specified by said $(N - M)$ bits.

14-29. (Canceled)

30. (Currently Amended) A driving device of a liquid crystal element for allowing said liquid crystal element to display a level of grayscale said liquid crystal element displays throughout a frame period by switching ON-state said liquid crystal element during a period corresponding to grayscale data that defines said level of grayscale, said device comprising:

a dividing circuit that divides the frame into a plurality of sub-fields, the plurality of sub-fields having a first group of sub-fields continuous with respect to one another and a second group of sub-fields continuous with respect to one another, the first second group of sub-fields being adjacent subsequent to the second first group of sub-fields, each of the first group of sub-fields having a same first sub-field period, each of the second group of sub-fields having a same second sub-field period which is substantially equal to a sum of a length of the first sub-field periods of the first group of sub-fields and a length of any one of the first sub-field periods;

a selecting circuit that selects, according to the grayscale data, sub-fields that are adjacent to each other in a direction from a boundary temporal position between the first group of sub-fields and the second group of sub-fields toward a sub-field of the first group of sub-fields or a sub-field of the second group of sub-fields at a position most remote from the boundary temporal position; and

-4-

a driving circuit that switches ON-state said liquid crystal element during period of the sub-fields selected.

31-32. (Canceled

33.   (Previously Presented) Electronic equipment, comprising:

a display device, including a plurality of liquid crystal elements aligned in a matrix, that displays an image related to said electronic equipment; and

said driving device of a liquid crystal element according to Claim 30.

34-35. (Canceled)